

IN THE CLAIMS:

--3. A magneto-optical recording medium comprising:
a readout layer, which has an in-plane magnetization at
room temperature range, and which changes to a perpendicular
magnetization in a temperature range above room temperature;
a recording layer having a perpendicular magnetization in
a temperature range between room temperature and its Curie
temperature; wherein the reproducing layer is magnetically
coupled to the recording layer by magneto-static coupling.

4. A magneto-optical recording medium according to claim
3, further comprising:
an intermediate layer, wherein the intermediate layer is
interposed between said reproducing and recording layers.

5. A magneto-optical recording medium according to claim
4, wherein said intermediate layer has a Curie temperature lower